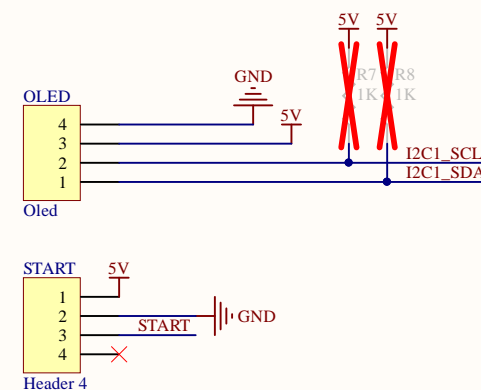
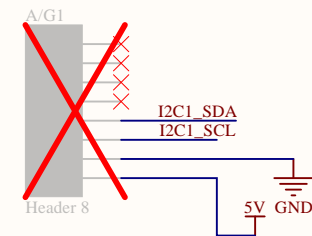
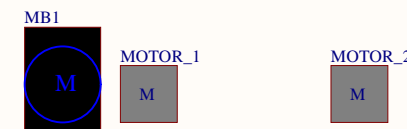
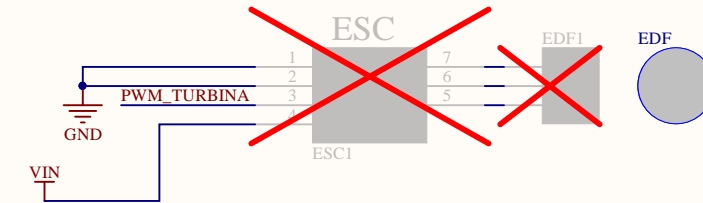
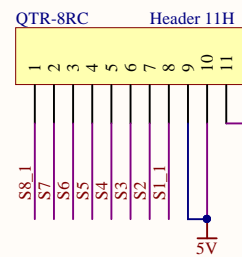
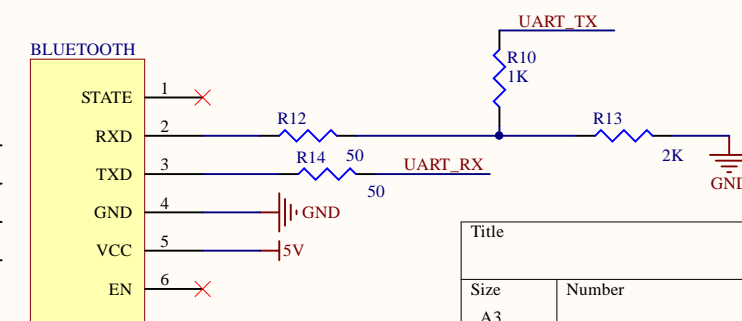
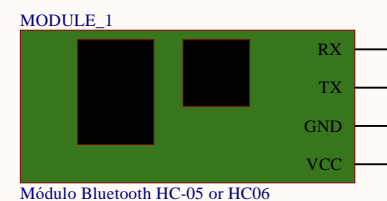


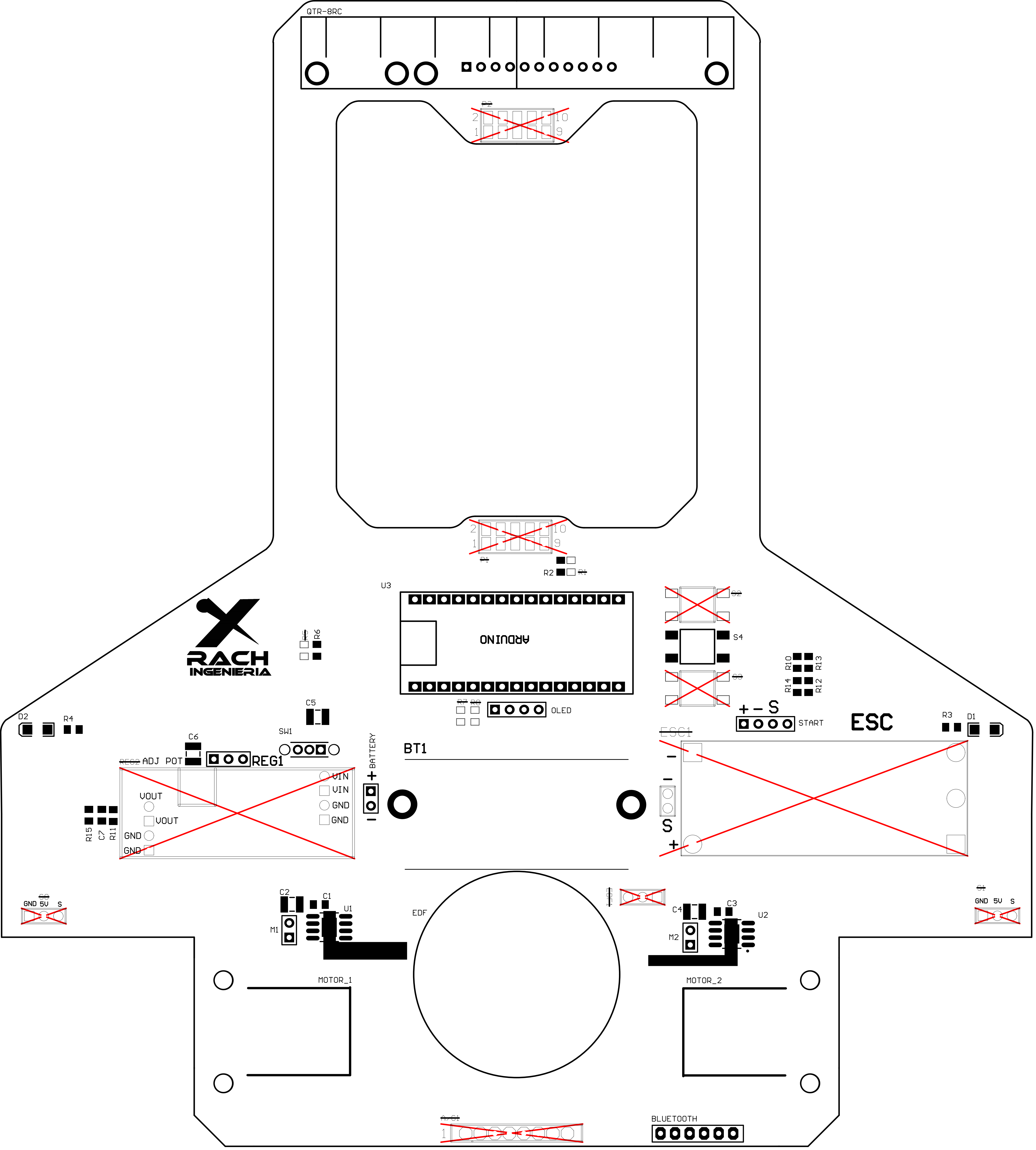
RACHINGENIERIA_VELOCISTA_X.PrjPcb
NOTA: LOS ELEMENTOS CON CRUZ NO SE INSTALAN

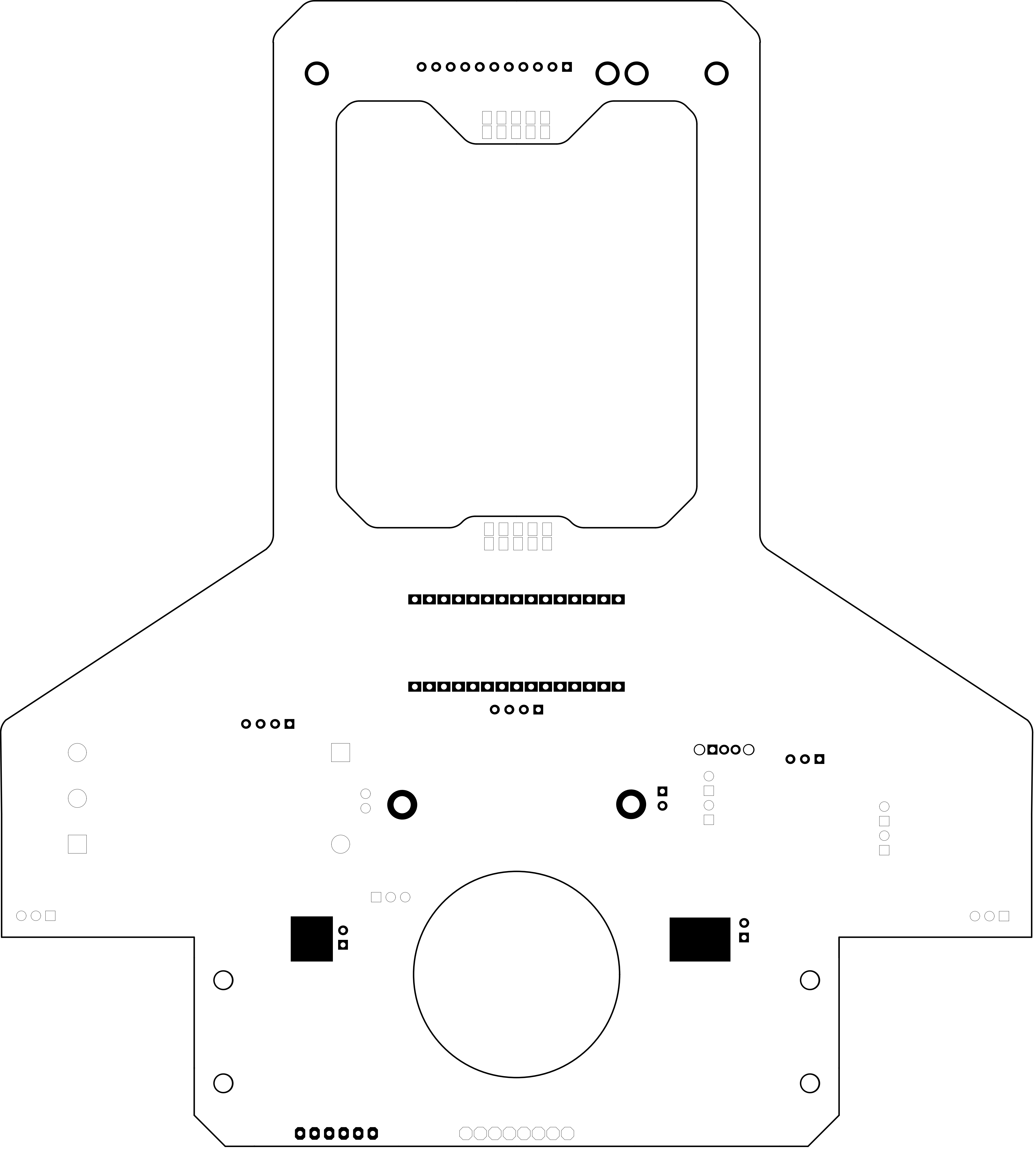


SOLO PARA BASICO (NO AVANZADO)
PONER CABLE ENTRE ENTRADA Y SALIDA
CUANDO NO TIENE ELEVADOR



Title		
Size A3	Number	Revision
Date:	10/15/2019	Sheet of
File:	F:\RACH\...ARDUINORACHX.SchDoc	Drawn By:

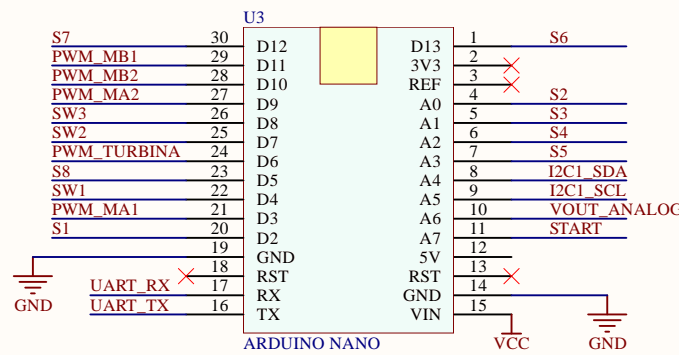
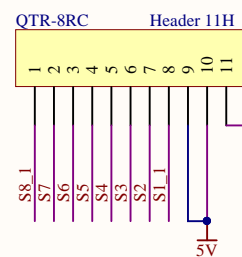
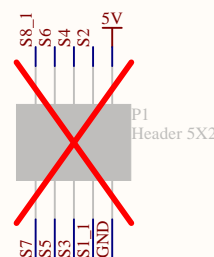
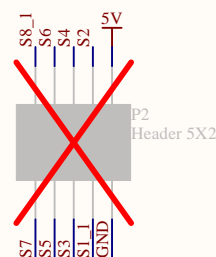




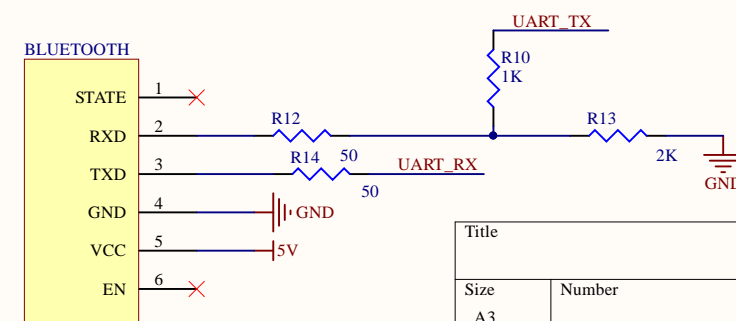
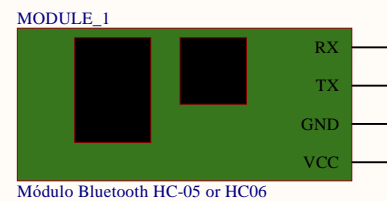
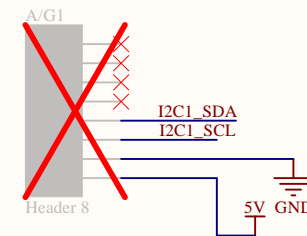
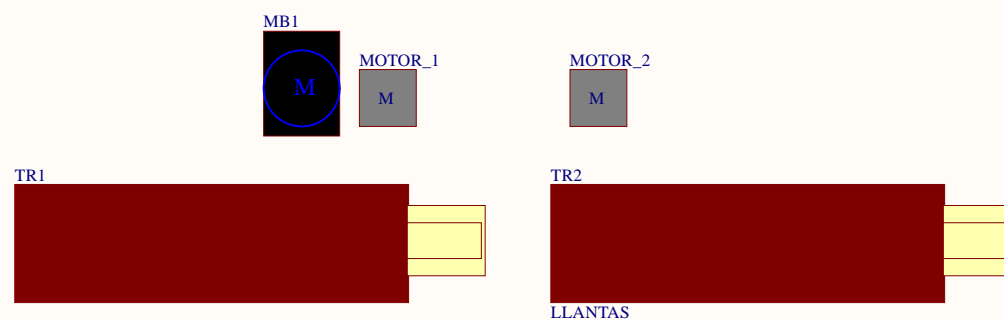
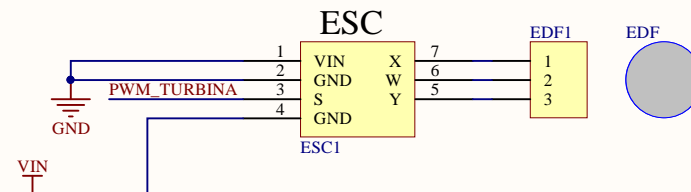
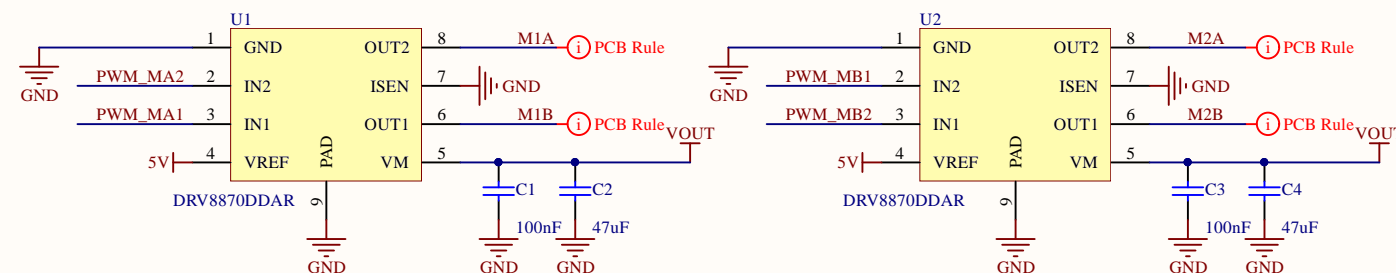
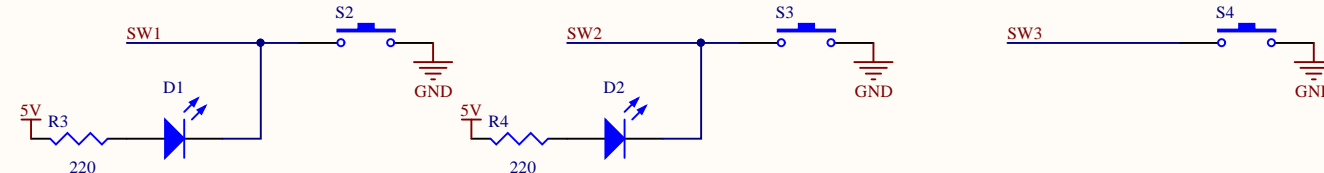
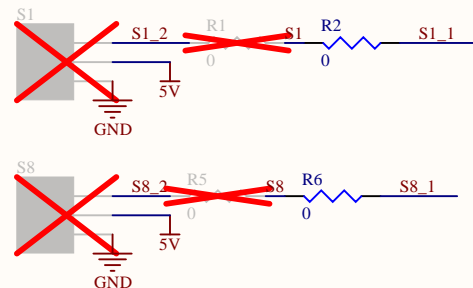
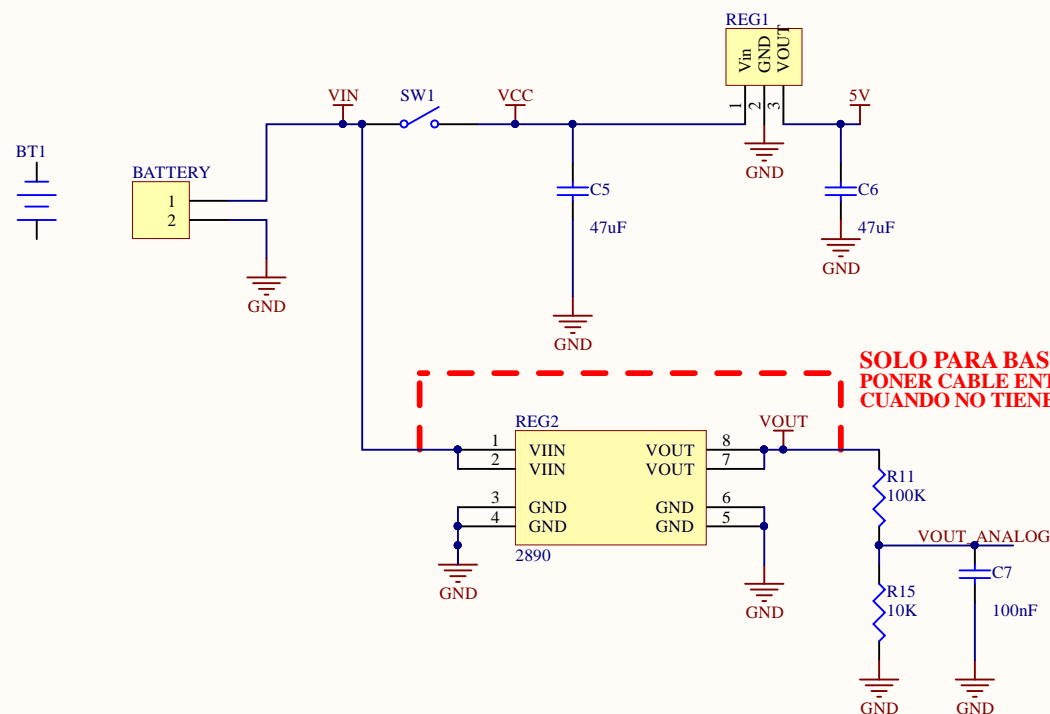
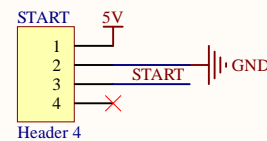
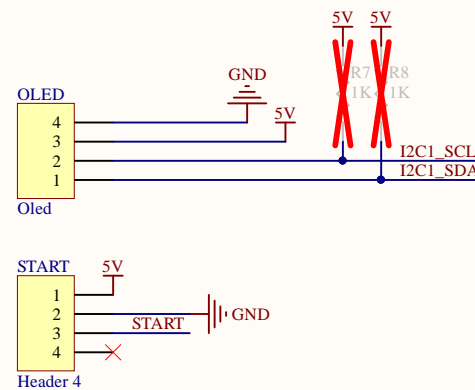
AVANZADO

RACHINGENIERIA_VELOCISTA_X.PrjPcb

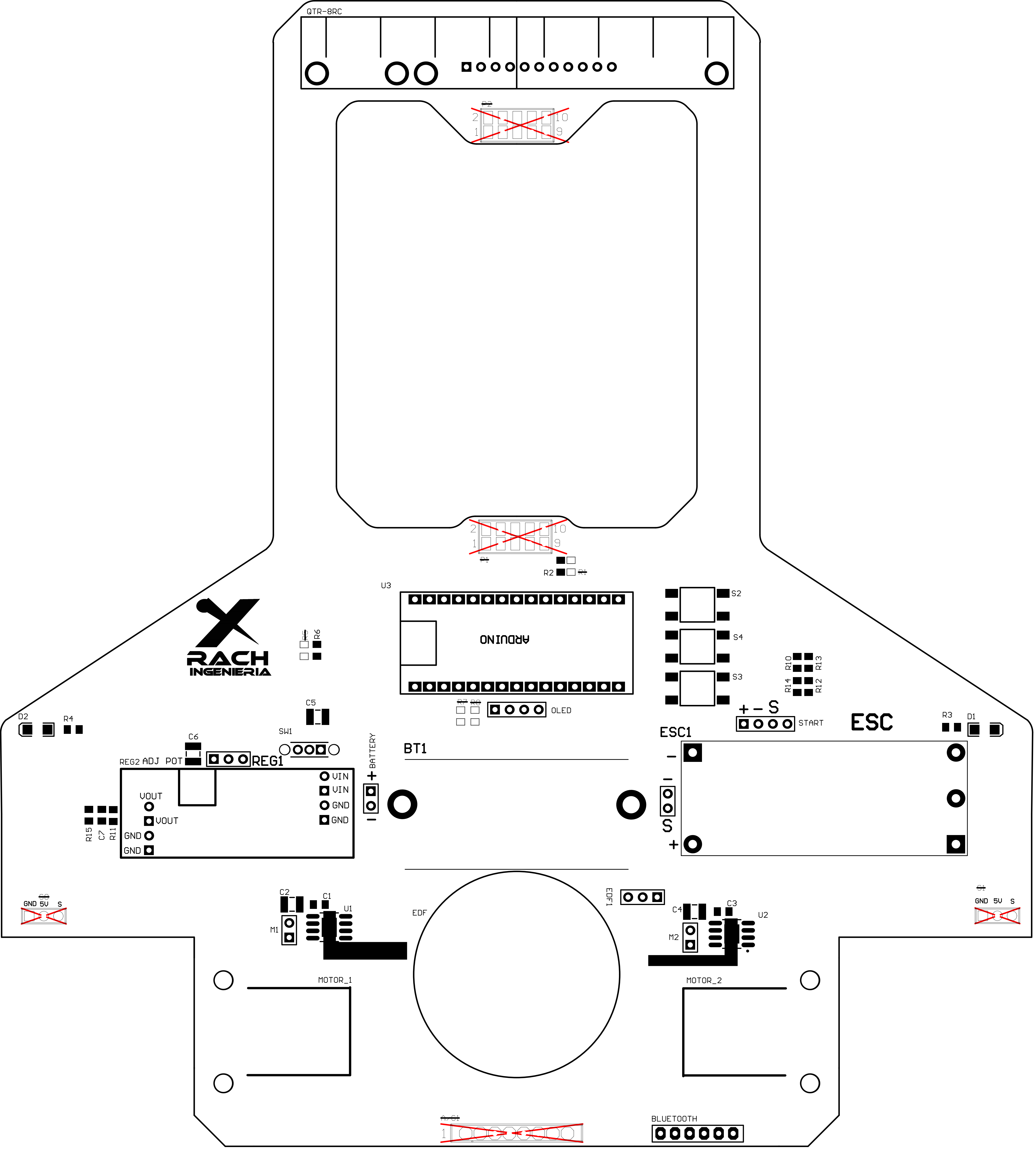
NOTA: LOS ELEMENTOS CON CRUZ NO SE INSTALAN

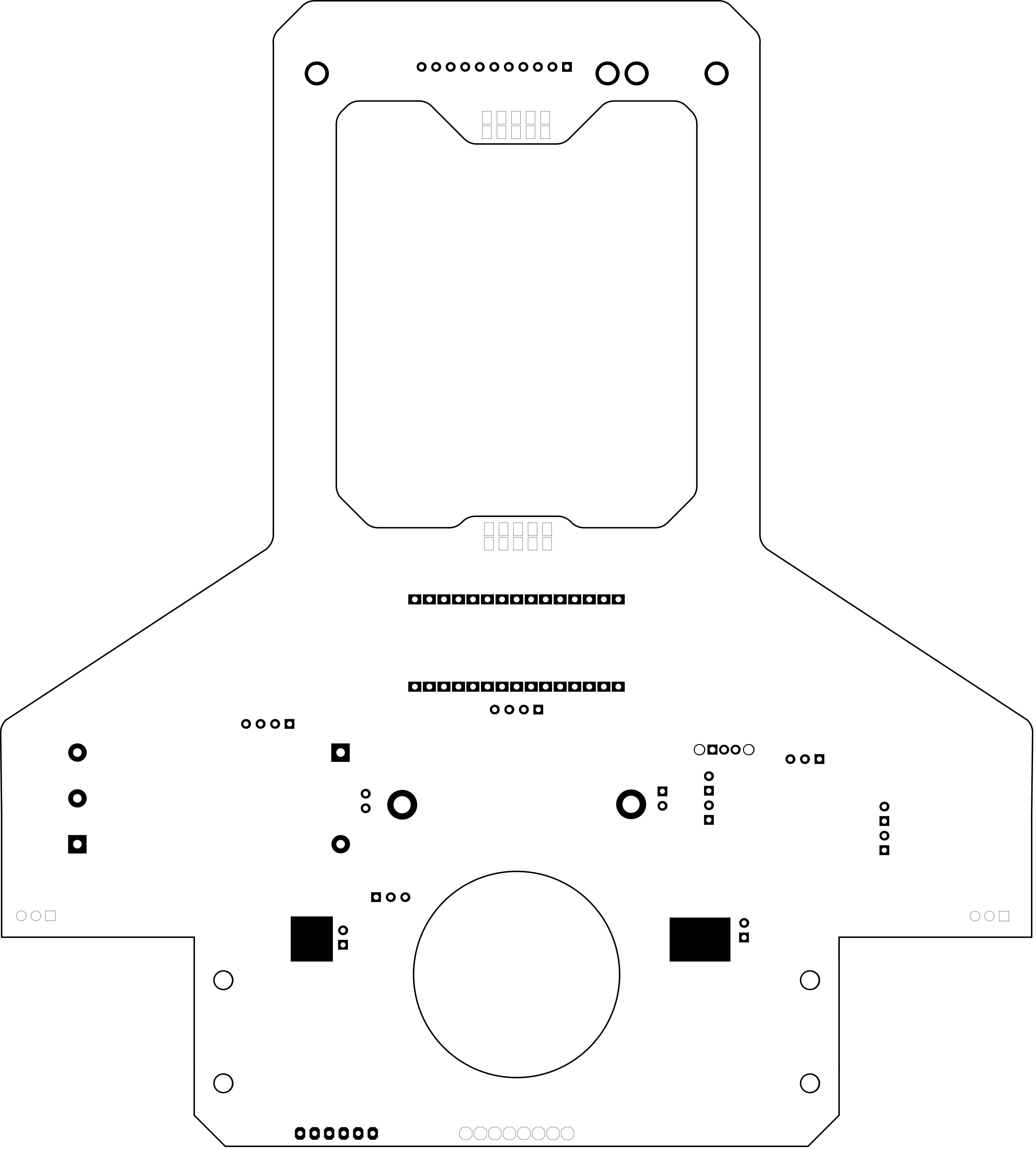


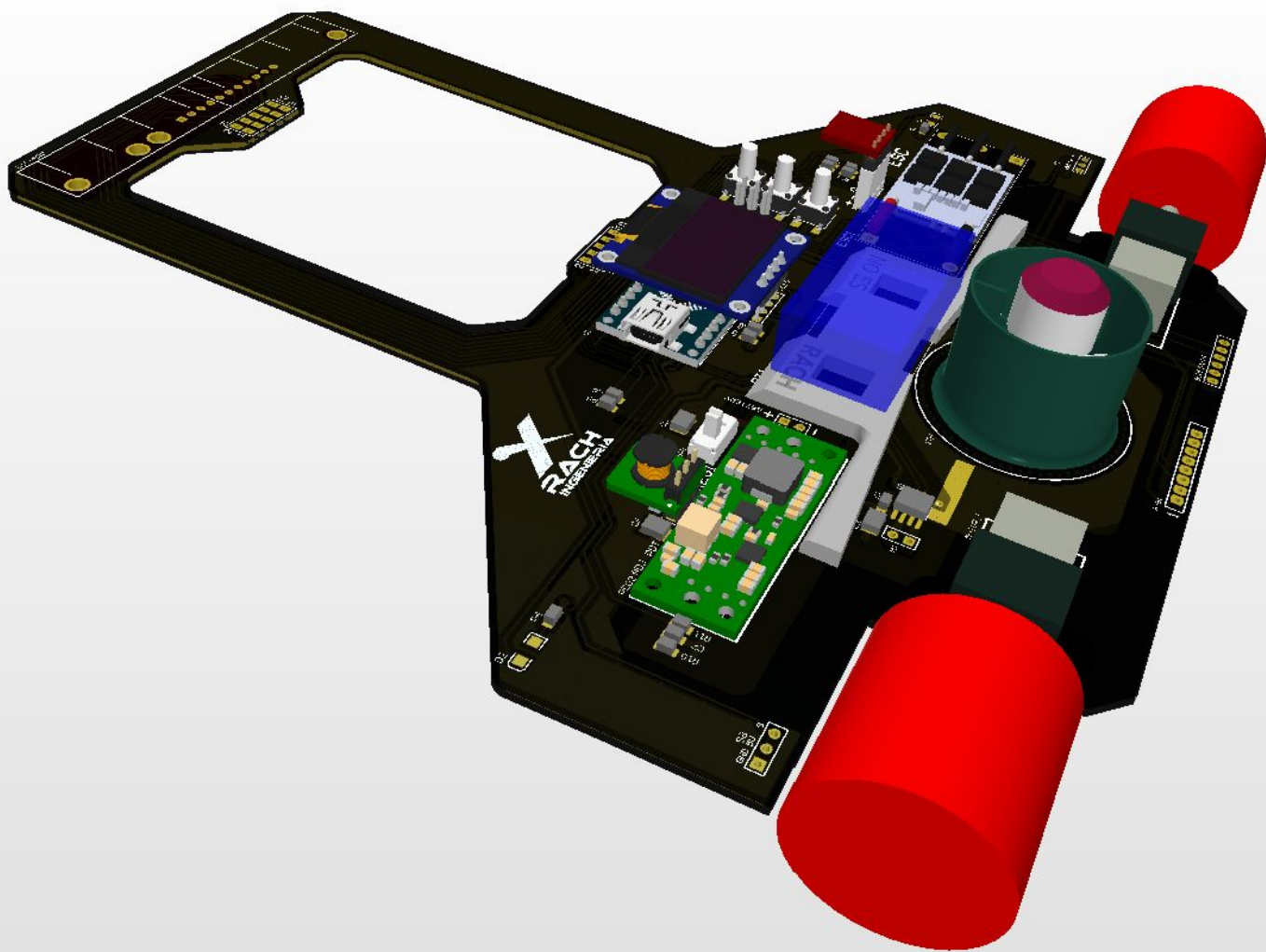
NOTA: REMOVER LED D13 DE ARDUINO
ESTE PIN ES USADO PARA LOS SENSORES

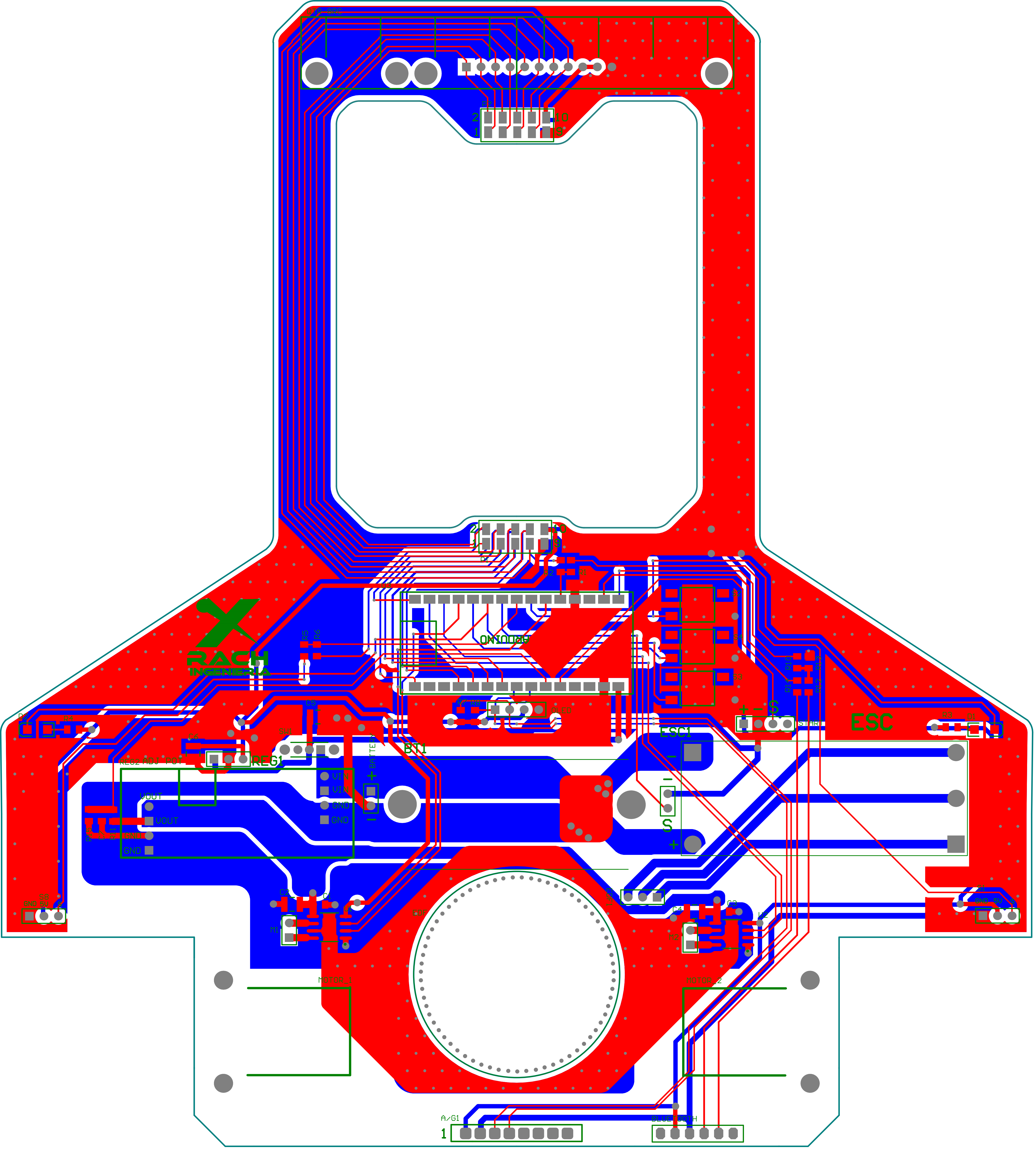


Title		
Size	Number	Revision
A3		
Date:	10/15/2019	Sheet of
File:	F:\RACH\...ARDUINORACHX.SchDoc	Drawn By:









Designator	Quantity	Description	Manufacturer
A/G1	1	Header, 8-Pin	
BATTERY	1	CONN HEADER VERT 2POS	Samtec Inc.
BLUETOOTH	1	CONN HDR 6POS 0.1 GOLD PCB	Sullins Connector Solutions
BT1	1	Multicell Battery	JJTRONICS
C1, C3, C7	3	CAP CER 0.1UF 50V X7R 0805	KEMET
C2, C4, C5, C6	4	CAP CER 47UF 25V X5R 1210	Taiyo Yuden
D1, D2	2	LED RED CLEAR 1206 SMD	Visual Communications Company - VCC
EDF	1	EDF35 with 11000kv Motor Assembled	HobbyKing
EDF1, M1, M2, S1, S8	5	Conector EDF, Pines para Motor, Not Part	
ESC1	1	SPEED CONTROLLER	JJTRONICS
MB1	1	Pololu Micro Metal Gearmotor Bracket Pair - Black	POLOLU
MODULE_1	1	Módulo Bluetooth HC-05 or HC06	JJTRONICS
MOTOR_1, MOTOR_2	2	10:1 Micro Metal Gearmotor HPCB 6V	POLOLU
OLED	1	Header, 4-Pin	JJTRONICS
P1, P2	2	Header, 5-Pin, Dual row	
QTR-8RC	1	Header, 11-Pin, Right Angle	JJTRONICS
R1, R2, R5, R6	4	RES SMD 0 OHM 1% 0.4W 0805	Resistencia
R3, R4	2	RES SMD 220 OHM 1% 0.4W 0805	Resistencia
R7, R8, R10	3	RES SMD 1K OHM 0.1% 1/8W 0805	Resistencia
R11	1	RES SMD 100K OHM 0.1% 1/8W 0805	Resistencia
R12, R14	2	RES SMD 50 OHM 0.05% 1/5W 0805	Resistencia
R13	1	RES SMD 2K OHM 0.1% 1/8W 0805	Resistencia
R15	1	RES SMD 220 OHM 1% 0.4W 0805	Resistencia
REG1	1	DC DC CONVERTER 5V OR -5V	CUI Inc.
REG2	1	4.5-20V Fine-Adjust Step-Up Voltage Regulator U3V70A	POLOLU
S2, S3, S4	3	SWITCH TACTILE SPST-NO 0.05A 12V	E-Switch
START	1	Header, 4-Pin	JJTRONICS
SW1	1	Single-Pole, Single-Throw Switch	C&K
TR1, TR2	2	LLANTAS	LLANTAS
U1, U2	2	IC MOTOR DRVR UNIPLR 8SO PWRPAD	Texas Instruments
U3	1	ARDUINO NANO ATMEGA328 EVAL BRD	Arduino